

Appl. No. 10/664,231
Amdt. September 7, 2004
Reply to Office action of March 31, 2004

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A wildlife guard for electrical power equipment comprising:
a disc having a central opening for fitting onto the equipment comprising:
an electrically insulating material; and
a conductive filler material dispersed within the electrically insulating material in quantity sufficient for the disc to maintain an electrostatic charge;
the disc having an insertion slot extending from an outer portion to the central opening for movement of the disc onto the equipment.
2. (original) The wildlife guard of claim 1 wherein the disc comprises:
a plurality of ring members concentrically located about the central opening; and
spacer ring tab members mounted between the ring members for connecting the ring members.
3. (original) The wildlife guard of claim 2 further including a plurality of lug members extending inwardly into the central opening from an inner one of the ring members for engaging an outer surface of the equipment.
4. (original) The wildlife guard of claim 2 wherein the ring members are of increasing diameter extending in concentric location from an innermost ring member adjacent the central opening to an outermost ring member.

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5. (original) The wildlife guard of claim 2 wherein inner ones of the ring members are removable from the tab members.

6. (original) The wildlife guard of claim 5 wherein the tab members adjacent the inner ones of the ring members function as engaging lugs on removal of the inner ones of the ring members.

7. (currently amended) The wildlife guard of claim 1 further including guide notches formed in the disc adjacent ~~the an~~ installation grip for engagement with ~~the an~~ installation tool.

8. (original) The wildlife guard of claim 1 further comprising a plurality of teeth formed along the insertion slot engaging the equipment and holding the disc in place on the equipment.

9. (original) The wildlife guard of claim 8 wherein the teeth face inwardly along side portion of the insertion slot to allow ease of movement of the disc onto the equipment.

10. (original) The wildlife guard of claim 8 wherein portions of the teeth are removable to adapt the disc for various sizes of electrical power distribution equipment.

11. (original) The wildlife guard of claim 1 wherein the disc comprises a barrier between an energized surface and a grounded surface or between any two electrodes of different electrical potential.

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12. (original) The wildlife guard of claim 1 wherein the conductive material comprises carbon black.

13. (original) The wildlife guard of claim 1 wherein the conductive material comprises stainless steel fibers.

14. (original) The wildlife guard of claim 1 further comprising a nonconductive adapter placed over a conductor onto which the wildlife guard is mounted.

15. (original) The wildlife guard of claim 14 wherein the adapter comprises a hollow cylinder comprising two halves attached by a hinge and clamped onto the conductor with a clamp, the adapter having an annular groove in an exterior portion thereof for maintaining the wildlife guard upon the adapter.

16. (original) The wildlife guard of claim 14 wherein the adapter comprises a donut shaped resilient material having a cutout section removed therefrom and adapted to be resiliently deformed to fit around the conductor, the adapter further defining an annular groove in an exterior portion thereof for maintaining the wildlife guard upon the adapter.

17. (original) The wildlife guard of claim 1 further comprising at least one installation grip area for engagement with a gripping portion of an installation tool, the installation grip area comprising:

a plate member for engagement with the gripping portion of the installation tool;
and

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a passage port adjacent to the plate member for passage of the gripping portion of the installation tool.

18-40. (canceled)

41. (new) A wildlife guard for electrical power equipment comprising a disc having a central opening for fitting onto the equipment comprising:

an electrically insulating material;

a conductive filler material dispersed within the electrically insulating material in quantity sufficient for the disc to maintain an electrostatic charge;

a nonconductive adapter placed over a conductor onto which the wildlife guard is mounted, said adapter comprising a hollow cylinder comprising two halves attached by a hinge and clamped onto the conductor with a clamp, the adapter having an annular groove in an exterior portion thereof for maintaining the wildlife guard upon the adapter;

the disc having a insertion slot extending from an outer portion to the central opening for movement of the disc onto the adapter.

42. (new) A wildlife guard for electrical power equipment comprising a disc having a central opening for fitting onto the equipment comprising:

an electrically insulating material;

a conductive filler material dispersed within the electrically insulating material in quantity sufficient for the disc to maintain an electrostatic charge;

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a nonconductive adapter placed over a conductor onto which the wildlife guard is mounted, said adapter comprising a donut shaped resilient material having a cutout section removed therefrom and adapted to be resiliently deformed to fit around the conductor, the adapter further defining an annular groove in an exterior portion thereof for maintaining the wildlife guard upon the adapter;

the disc having a insertion slot extending from an outer portion to the central opening for movement of the disc onto the adapter.